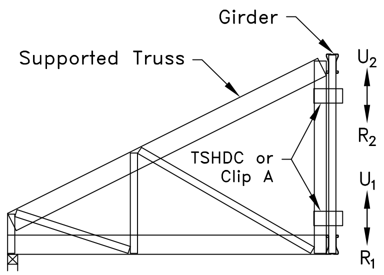
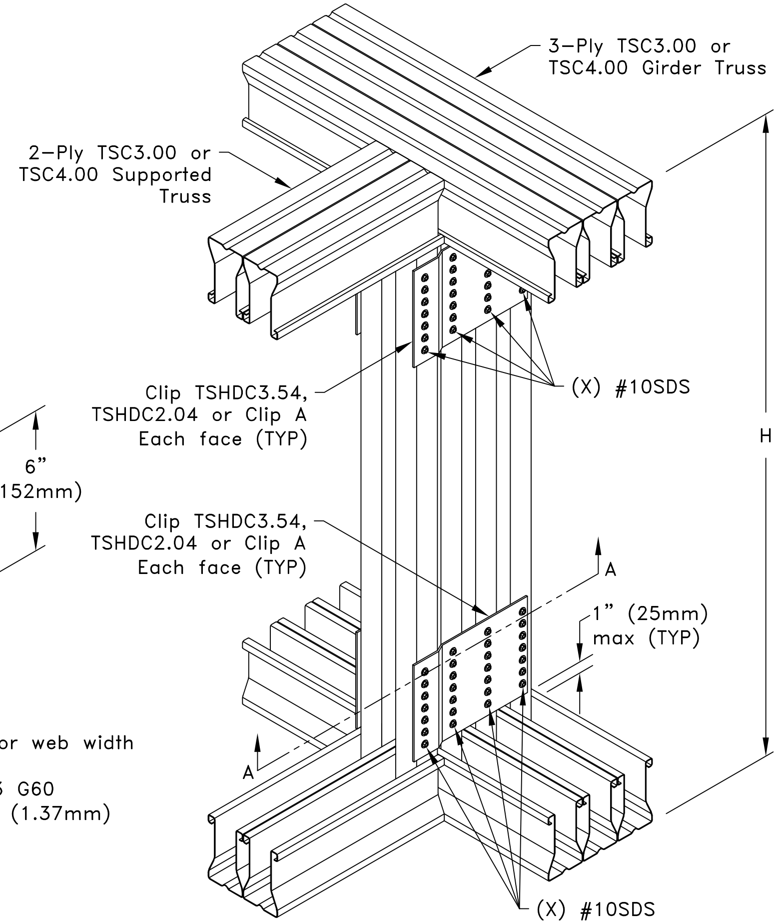


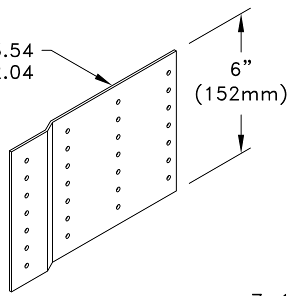
$R = R_1 + R_2$
$U = U_1 + U_2$

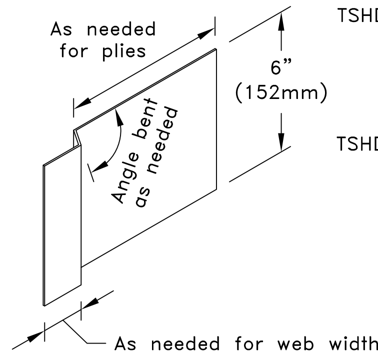
Typical Supported Truss to Girder Connection

Allowable Reaction and Uplift lbs (kN)	
X^A	H = 24 in. (610mm) minimum R = U lbs (kN)^B
5	3000 (13.34)
6	4000 (17.79)
7	4700 (20.91)

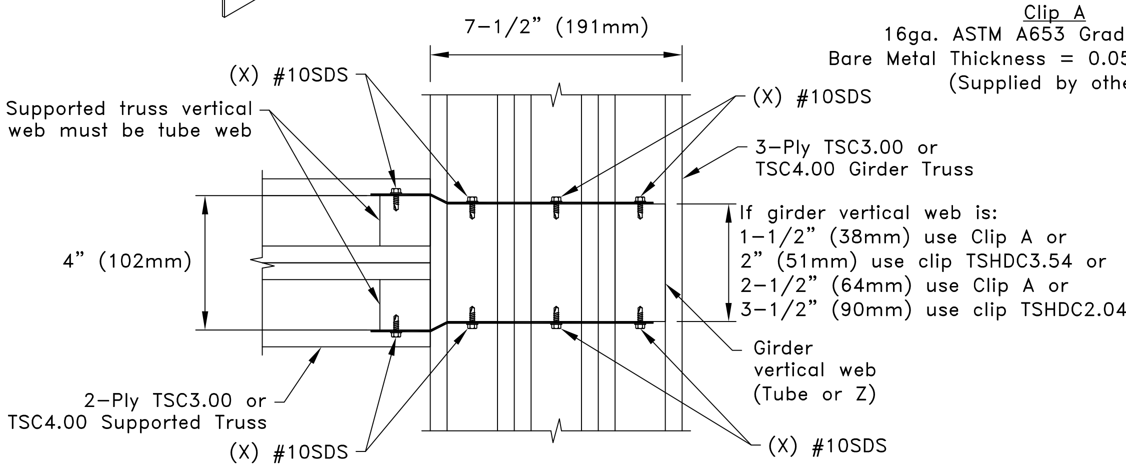
A. The quantity "X" refers to the number of #10SDS (Self-Drilling Tapping Screws) that are required on each side of each clip into the web member.
B. R = Allowable Reaction, U = Allowable Uplift







Clip A
16ga. ASTM A653 Grade 33 G60
Bare Metal Thickness = 0.0538" (1.37mm)
(Supplied by others)



Section A-A

General Notes:

1. The top and bottom chords of all trusses shall be properly connected to structural sheathing or purlins, designed by others.
2. Screw spacing, edge distance and end distance is 9/16" (14mm) minimum.
3. The supported truss must be designed utilizing a clip bearing type.
4. If supported truss web is a Z-Web, refer to TS062C for connection.
5. Cold-Formed Steel calculations are per the 2020 supplement to AISI 2016 "North American Specification for the Design of Cold-Formed Steel Structural Members" (S100-16/S2-20).

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Heavy 2-Ply TSC3.00 or TSC4.00 Truss-To-Truss Connection (3 Ply Girder) Tube Webs

Standard Detail: TS062B

Date: 06/01/22

TrusSteel Detail Category: Truss-To-Truss Connections